

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
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Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF  
ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

Under 37 CFR §3.73(b) Murata Machinery Ltd., a corporation certifies that it is the assignee of the entire right, title and interest in the patents and patent applications identified in Schedule A (collectively "patent applications"), attached, by virtue of:

■ An assignment from ASYST TECHNOLOGIES, INC to Murata Automation Co., Ltd., of the patent applications. The assignment is being submitted concurrently for recordation, a copy of which is attached.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the patent applications and appoints the practitioners associated with Customer Number 26161 as its attorney to prosecute the patent applications and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 *et seq.* of the Patent Office Rules of Practice.

Please direct all communications regarding the above-referenced application to the customer number below:

**26161**

Respectfully submitted,

Date: Sep 17, 2009

  
Signature

Daisuke Murata  
Typed Name

Title: President & CEO

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**Schedule A to accompany "REVOCATION OF POWER OF ATTORNEY WITH  
NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE  
ADDRESS"**

**Patents**

Country	Patent No.	Issue Date	Inventor(s)	Title
United States	6,677,690	January 13, 2004	W. Fosnight, D. Babbs, R. Gould, M. Krolak, D. Feindel and T. Laong	SYSTEM FOR SAFEGUARDING INTEGRATED INTRABAY POD DELIVERY AND STORAGE SYSTEM
United States	6,848,876	February 1, 2005	D. Babbs, W. Fosnight, T. Cosentino, M. Sammut, P. Pinna and R. Zeman	WORKPIECE SORTER OPERATING WITH MODULAR CASE WORKPIECE STOCKERS AND/OR CLOSED CONTAINER STOCKERS
United States	6,223,886	May 1, 2001	Bonora, R. Gould	INTEGRATED ROLLER TRANSPORT POD AND ASYNCHRONOUS CONVEYOR
United States	6,240,335	May 29, 2001	B. Wehrung, C. Holden	DISTRIBUTED CONTROL SYSTEM ARCHITECTURE AND METHOD FOR A MATERIAL TRANSPORT
United States	6,308,818	October 30, 2001	Bonora, R. Gould	TRANSPORT SYSTEM WITH INTEGRATED TRANSPORT CARRIERS AND DIRECTOR
United States	6,425,330	August 20, 2002	Bonora, R. Gould	IN/OUT LOAD PORT TRANSFER MECHANISM
United States	6,481,558	November 19, 2002	Bonora, R. Gould, J. Kerr	INTEGRATED LOAD PORT-CONVEYOR TRANSFER SYSTEM
United States	6,491,308	December 18, 2002	Bonora, R. Gould	INTEGRATED ROLLER TRANSPORT AND ASYNCHRONOUS CONVEYOR
United States	6,533,101	March 18, 2003	Bonora, R. Gould	INTEGRATED TRANSPORT CARRIER AND CONVEYOR SYSTEM
United States	7,410,340	August 12, 2008	Anthony C. Bonora, Michael Krolak, and Roger G. Hine	DIRECT TOOL LOADING
United States	7,445,315	November 4, 2008	Anthony C. Bonora, Michael Krolak, and Roger G. Hine	DIRECT TOOL LOADING

Country	Patent No.	Issue Date	Inventor(s)	Title
United States	7,472,788	January 6, 2005	Bonora, R. Hine, M. Krolak	BELT CONVEYOR FOR USE WITH SEMICONDUCTOR CONTAINERS
United States	5,579,990	November 5, 1996	A. Bonora, B. Richardson, M. Brain, E. Cortez and B. Huang	HUMAN GUIDED MICRO STOCKER AND PLACEMENT SYSTEM
United States	6,853,876	February 8, 2005	B. Wehrung and C. Holden	DISTRIBUTED CONTROL SYSTEM ARCHITECTURE AND METHOD FOR A MATERIAL TRANSPORT

#### Patent Applications

Country	Serial No.	Filing Date	Inventor(s)	Title
United States	12/156,615	6/20/2008	A. Bonora, R. Deyanov, J. Fatula, I. Hiroshi, R. Hine	DIRECT LOADING TO AND FROM A CONVEYOR SYSTEM
United States	61/273,139	7/31/2009	R. Deyanov, J. Fatula, R. Tzou, P. Gonzalez M., Carlson, J. Greene	BUFFERED STORAGE AND TRANSPORT DEVICE FOR IMPROVED TOOL UTILIZATION